

AMENDMENTS TO THE APPLICATION

Section A- Amendments to the Claims, including a Complete Listing of All Pending Claims, as currently amended, in accordance with New Patent Rule 1.121

In the Claims

Please amend Claim 1 as follows:

1. (Currently amended.) A method for on-demand use of preselected content by a recipient, comprising the steps of:

utilizing the excess capacity of a network by conveying data over said network during a period of less than maximum usage;

receiving said data during said period of less than maximum usage;

accumulating said data over an extended period of time;

selectively retrieving said data by said recipient for on-demand use at a time after said extended period of time.

Original Claim 2 remains unchanged:

2. (Original.) A method as recited in Claim 1, in which said network includes a satellite.

Amend. Please amend Claims 3 and 4 by replacing “satellites operate” with “satellite operates”:

3. (Currently amended.) A method as recited in Claim 2, in which said satellite[[s]] operates in low Earth orbit.

4. (Currently amended.) A method as recited in Claim 2, in which said satellite[[s]] operates in medium Earth orbit.

Please amend Claim 5 by replacing “satellites operate” with “satellite operates” and by replacing “hgih” with “high”:

5. (Currently amended.) A method as recited in Claim 2, in which said satellite[[s]] operates in [[hgih]] high Earth orbit.

Please amend Claims 6 and 7 by replacing “satellites operate” with “satellite operates”:

6. (Currently amended.) A method as recited in Claim 2, in which said satellite[[s]] operates in geosynchronous Earth orbit.

7. (Currently amended.) A method as recited in Claim 2, in which said satellite[[s]] operates in low Earth orbit.

Original Claims 8, 9 and 10 remain unchanged:

8. (Original.) A method as recited in Claim 2, in which said network includes a sub-orbital platform.

9. (Original.) A method as recited in Claim 2, in which said network includes a terrestrial wired network.

10. (Original.) A method as recited in Claim 2, in which said network includes a terrestrial wireless network.

Please amend Claim 11 by replacing "satellite" with "gateway" in line 11:

11. (Currently amended.) An apparatus comprising:

a gateway means for transmitting a plurality of digitized packets of data;

a relay means for receiving said plurality of digitized packets of data from said gateway means and for retransmitting during a time period when the total communications capacity of said relay means is not fully used;

a receiver means for collecting said plurality of digitized packets of data which are transmitted from said ~~[[satellite]]~~ gateway means;


said receiver means including a storage means for accumulating said plurality of digitized packets of data incrementally over an extended period of time; and

means for selectively retrieving and using said plurality of digitized packets of data after a generally full program has been accumulated.

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Original Claims 12-18 remain unchanged:

12. (Original.) An apparatus as claimed in Claim 11, in which said receiver means is shielded to eliminate local radio frequency transmissions that could be used to make an unauthorized copy.

 13. (Original.) An apparatus as claimed in Claim 11, in which said receiver means is tamper-proofed to thwart unauthorized copying.

14. (Original.) An apparatus as claimed in Claim 11, in which said relay means includes a satellite.

15. (Original.) An apparatus as claimed in Claim 11, in which said relay means includes a sub-orbital platform.

16. (Original.) An apparatus as claimed in Claim 11, in which said relay means includes a wired terrestrial network.

17. (Original.) An apparatus as claimed in Claim 11, in which said relay means includes a wireless terrestrial network.

18. (Original.) An apparatus as claimed in Claim 11, in which said receiver means is located on the Earth's surface.

Please amend Claim 19 by replacing “on” with “above”:

19. (Currently amended.) An apparatus as claimed in Claim 11, in which said receiver means is located [[on]] above the Earth’s surface.

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Original Claims 20-24 remain unchanged:

20. (Original.) An apparatus as claimed in Claim 11, in which said receiver means is located in a fixed terminal.

21. (Original.) An apparatus as claimed in Claim 11, in which said receiver means is located in a portable terminal.

22. (Original.) An apparatus as claimed in Claim 11, in which said receiver means is located in a mobile terminal.

23. (Original.) An apparatus as claimed in Claim 11, in which said receiver means is located in a sub-orbital platform.

24. (Original.) An apparatus as claimed in Claim 11, in which said receiver means is located in a satellite in orbit.

Please add New Claim 25:

25. (New.) A method as recited in Claim 1, in which the step of utilizing the excess capacity of a network by conveying data over said network includes conveying said data from a satellite, said method further including the step of:

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prior to conveying said data over said network, transmitting said data from a terrestrial station to said satellite over said network during a period of less than maximum usage of said network.

Please add New Claim 26:

26. (New.) An apparatus as recited in Claim 11, in which said digitized packets of data are transmitted from said gateway means to said relay means during a time when the total communications capacity of said gateway means is not fully used.
